

Case Docket No. GENENT.2827A2

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July 9, 2001

(Date)

for Patents, Washington, D.C. 20231, on

Date: July 9, 2001

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Pennica et al.

Appl. No.

09/759,056

Filed

January 11, 2001

For

**NOVEL STRA6** 

**POLYPEPTIDES** 

Examiner

Unknown

Group Art Unit:

1645

### TRANSMITTAL LETTER

## ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 229 references.
- (X) The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Ginger R. Dreger

Registration No. 33,055

Attorney of Record

W. DOCS GRD GRD-5696 DOC 060701



**PATENT** 

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Pennica et al.	)	Group Art Unit 1645
App. No.	:	09/795,056	)	
Filed	:	January 11, 2001	)	
For	:	NOVEL STRA6 POLYPEPTIDES	) ) )	
Examiner	:	Unknown	)	

# INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner for Patents** Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Ginger R. Dreger

Registration No. 33,055

Attorney of Record

620 Newport Center Drive

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
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#### **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL (IF APPROPRIATE) 3,773,919 11 20.73 Boswell et al. 4,179,337 12.18.79 Davis et al. 4,275,149 6.23.81 Litman et al 4,399,216 8 16.83 Axel et al. 4,485,045 11 27.84 Regen 4,496,689 1.29.85 Mitra 4,544,545 10 1.85 Ryan et al. 4,640,835 2 3 87 Shimizu et al. 4,657,760 4.14.87 Kung et al. 4,670,417 6.2 87 lwasaki et al. 6.30.87 Segal et al. 4,676,980 12. 4,736,866 4.12.88 Leder et al. <sup>13.</sup> 4,791,192 12.13.88 Nakagawa et al. 14. 4,816,567 3.28.89 Cabilly et al 15. **4,870,009** 9.26.89 Evans et al. 16. 4,873,191 10.10.89 Wagner et al. 17. 4,943,529 7.24.90 Van Den Berg et al. 18. **4,975,278** 12 4.90 Senter et al. 19. 5,010,182 4.23.91 Brake et al. 20. 5,013,556 5.7.91 Woodle et al 21. 5,122,469 6.16-92 Mather et al. 22. 5,206,344 4.27.33 katre et al. 5,225,212 7693Martin et al 24. 5,428,130 6.27 95 Capon et al. 5,545,806 8.13.96 Lonberg et al. 26. 5,545,807 8 13 96 Surani et al.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
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	14.	4,816,567	3.28.89	Cabilly et al.			
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	27.	5,569,825	10.29.96	Lonberg et al.			
	28.	5,625,126	4 29.97	Lonberg et al.			
	29.	5,633,425	5 27.97	Lonberg et al.			
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	32.	EP 03089	05.30.90	EP				
	33.	EP 117,058	08.29.84	EP				
	34.	EP 117,060	08 29.84	EP				
	35.	EP 139,383	05.02.85	EP				
	36.	EP 307,247	03.15.88	EP				
	37.	EP 36,776	09.30.81	EP				
	38.	EP 362,179	04.04.90	EP				
	39.	EP 394,538	10.31.90	EP				
	40.	EP 404,097	12.27.90	EP				
	41.	EP 616,812	09.28.94	EP				
	42.	EP 073,657	03.09.83	EP				
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	51.	WC	91/00357	1.10.91	PCT					
	52.	WC	91/00360	1.10 91	PCT					
	53.	WO	91/04753	4.18.91	PCT					
	54.	WO	93/11161	6.10.93	PCT					
	55.	WO	93/18186	9.16.93	PCT					
	56.	WO	94/11026	5.26.94	PCT					
	57.	WO	96/07399	3.14.96	PCT			·		
	58.	WO	96/27011	9.6.96	PCT					
	59.	wo	96/40072	12.19.96	PCT					
	60.	wo	97/03692	2.6.97	РСТ					
	61.	WO	97/33551	9.18.97	PCT					

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	62. Alitalo and Schwab "Oncogene Amplification in Tumor Cells" Adv. Cancer Res., 47:235-281 (1986)	
	63. Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs" Nuclear Acids Res. 25(17):3389-3402 (1997)	leic
	64. Anderson et al., "Direct Interactions of Coxsakievirus B3 with Immune Cells in the Splenic Compartment of M Susceptible or Resistant to Myocarditis" Science 256, 808-813 (1992)	lice
	Athauda et al., "Entrapment and Inhibition of Human Immunodeficiency Virus Proteinase by a 2-Macroglobul Structural Changes in the Inhibitor" J. Biochem., 113:742-746 (1993)	in an
	66. Ausubel et al., Current Protocols of Molecular Biology, John Wiley and Sons (1997)	
	Baselga et al., "Phase II Study of Weekly Intravenous Recombinant Humanized Anti-p185her2 Monoclonal Antibody in Patients With HER2/neu-Overxpressing Metastatic Breast Cancer" J. Clin. Oncol., 14:737-744 (	1996)
	Baselga et al., "HER2 Overexpression and Paclitaxel Sensitivity in Breast Cancer: Therapeutic implications"  Oncology, 11 (3 Suppl 1):43-48 (1997)	
	Beach and Nurse, "High-frequency transformation of the fission yeast Schizosaccharomyces pombe" Nature, 140 (1981)	290:
	70. Beal and Dervan et al., "Second Structural Motif for Recognition of DNA by Oligonucleotide-Directed Triple-Formation" <u>Science</u> , 251:1360 (1991)	Helix
	71. Bishop, Michael J., "Molecular Themes in Oncogenesis" Cell, 64:235-248 (1991)	
	Boerner et al., "Production of antigen-specific human monoclonal antibodies from in vitro-primed human splenocytes". J. Immunol	

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	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
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EXAMINER DEM	RX	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
THE BO	73.	Bolivar et al., "Construction an characterization of new cloning vehicles" Gene, 2:95-113 (1977)
	74.	Boring et al., "Cancer Statistics, 1993" CA Cancel J. Clin., 43:7 (1993)
	75.	Bouillet et al., "Efficient Cloning of cDNA of Retinoic Acid-Responsive Genes in P19 Embryonal Carcinoma Cells and Characterization of a Novel Mouse Gene, Stra1 (Mouse LERK-2/Ep1g2) Dev. Biol. 170:420-433 (1995)
	76.	Bouillet et al., Developmental expression pattern of Stra6, a retinoic acid-responsive gene encoding a new type of membrane protein" Mechanisms of Development 63, 173-186 (1997)
	77.	Boven and Winograd, eds., The Nude Mouse in Oncology Research, CRC Press, Inc., 1991
		Bradley, Allan, "Production and analysis of Chimaeric mice" in <u>Teratocarcinomas and Embryonic Stem Cells: A Practical Approach</u> , E. J. Robertson, ed. (IRL, Oxford, 1987), 5:113-152
		Braxton and Wells, "Incorporation of Stabilizing Ca2+-Binding Loop into Subtilisin BPN'" <u>Biochemistry</u> , 31:7796-7801 (1992)
	80.	Brennan et al., "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G1 Fragments" Science 229:81 (1985)
	81.	C. Anthony, The Biochemistry of Methylotrophs, 269-295 (1982)
		Caron et al., "Engineered Humanized Dimeric Forms of IgG Are More Effective Antobodies" J. Exp Med., 176: 1191-1195 (1992)
	83.	Carter et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors" Nucl. Acids Res., 13:4331 (1986)
	84.	Case et al., "Efficient Transformation of Neurospora crassa by Utilizing Hybrid Plasmid DNA" Proc. Natl. Acad. Sci. USA, 76:5259-5263 (1979)
	85.	Chang et al., "Phenotype expression in E. coli of a DNA sequence coding for mouse dihydrofolate reductase"  Nature, 275:615 (1978)
	86.	Chazaud et al., "Restricted Expression of a Novel Retinoic Acid Responsive Gene During Limb Bud Dorsoventral Patterning and Endochondral Ossification" Dev. Genet. 19: 66-73 (1996)
	87.	Chevray and Nathans,"Portein interaction cloning in yeast: Identification of mammalian proteins that react with leucine zipper of Jun" Proc. Natl. Acad. Sci. USA, 89: 5789-5793 (1991)
	88.	Chien et al., "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest" Proc. Natl. Acad. Sci. USA, 88:9578-9582 (1991)
	89.	Chothia, Cyrus, "The Nature of the Accessible and Buried Surfaces in Proteins" J. Mol. Biol., 150:1 (1976)
	90	Cleland, Jeffrey L., "Design and Production of Single Immunization Vaccines Using Polylactide Polyglycolide Microsphere Systems," in <u>Vaccine Design: The Subunit and Adjuvant Approach</u> , Powell and Newman, eds, (Plenum Press: New York, 1995), Chapter 18 pp. 439-462
	91.	Cooney et al. 'Site-Sepcific Oligonucleotide Binding Represses transcription of the Human c-myc Gene in Vitro", Science, 241: 456-459 (1988)
	92.	Creighton, Proteins: Structure and Molecular Properties, W.H. Freeman & Co., San Francisco, (1983)
	93	Cunningham and Wells, 'High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis" Science, 244: 1081-1085 (1989)
1	0.1	David and Reisfeld "Protein Indination with Solid State Lactoperovidese" Biochemistry, 13-1011 (1971)

	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
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EXAMINER HATAMEN	ABY	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
		deBoer et al., "The tac promoter: A functional hybrid derived from the trp and lac promoters" <u>Proc. Natl. Acad.</u> <u>Sci. USA</u> , 80:21-25 (1983)
		DeLeo et al., "Cell Surface Antigens of Chemically Induced Sarcomas of the Mouse" <u>J. Exp. Med.</u> , 146:720-730 (1977)
	97.	Deutscher, Murray P. (Ed.), Methods in Enzymology, 182 (1990)
	98. Drebin et al., "Inhibition of tumor growth by a monoclonal antibody reactive with an oncogene-encoded antigen" PNAS USA, 83:9129-9133 (1986)	
		Easwaran et al.," Cross-regulation of -catenin-LEF/TCF and retinoid signaling pathways" <u>Curr. Biol.</u> 9:1415-1418 (1999)
		Eberhard et al., "Alterations of Annexin Expression in Pathological Neuronal and Glial Reactions" Am. J. Pathol. 145:640-9 (1994)
		Edge et al. "Deglucosylation og Glycoproteins by Trifluoromethanesulfonic Acid", <u>Anal. Biochem.</u> , 118:131-137 (1981)
		Epstein et al. "Biological activity of liposome-encapsulated murine interferon is mediated by a cell membrane receptor", Proc. Natl. Acad. Sci. USA, 82: 3688 (1985)
·	103	Evan et al., "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product" Molecular and Cellular Biology, 5:3610-3616 (1985)
		Field et al., "Purification of a RAS-Responsive Adenylyl Cuclase Complex from Saccharomyces cerevisiae by Use of an Epitope Addition Method" Mol. Cell. Biol., 8:2159-2165 (1988)
	105	Fields and Song, "A novel genentic system to detect protein-protein interactions" Nature, 340:245-246 (1989)
		Fishwild et al., "High-avidity human IgGk monoclonal antibodies from a novel strain of minilocus transgenic mice" Nature Biotechnology 14, 845-51 (1996)
		Fleer et al., 'Stable Multicopy Vecotrs for High-Level Secretion of Recombinant Human Serum Albumin by Kluyveromyces Yeasts, Bio/Technology, 9:968-975 (1991)
		Fournier and Ozeki, "Structure and Organization of the Transfer Ribonucleic Acid Genes of Escherichia coli K-12", Microbiol. Rev. 49:379-397 (1985)
		Freund and Blair "Depression of Natural Killer Activity and Mitogen Responsiveness in Mice Treated With Pristane", J. Immunol. 129:2826-2830 (1982)
		Gabizon et al.," Pharmacokinetics and Tissue Distribution of Doxorubicin Encapsulated in Stable Liposomes With Long Circulation Times" J. National Cancer Inst., 81(19): 1484 (1989)
		Gelmini et al., "Quantitative polymarase chain reaction-based homogeneous assay with fluorogenic probes to measure c-erbB-2 oncogene amplification" Clin. Chem. 43:752 (1997)
		Gething et al., "Cell-surface expression of influenza haemagglutinin from a cloned DNA copy of the RNA gene" Nature, 293:620-625 (1981)
· ·	113	Goeddel et al., "Direct expression in Escherichia coli of a DNA sequence coding for human growth hormone"  Nature, 281:544 (1979)
	114	Goeddel et al., "Synthesis of human fibroblast by E. coli" <u>Nucleic Acids Res.</u> , 8:4057 (1980)
		Lassam et al., "Synthesis of DNA, Late Polypeptides, and Infectious Virus by Host-Range Mutants of Aenovirus 5 in Nonpermissive Cells" <u>Virology</u> , 87:63-467 (1978)

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056	
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117,512	116	Graham et al. "Characteristics of a Human Cell Line Transformed by DNA from human Adenovirus Type 5", <u>J.</u> Gen Virol., 36:59 (1977)
	117	Gray et al. "Fluorescence in Situ Hybridization in Cancer and Radiation Biology", Radiation Res., 137:275-289 (1994)
	118	Gruber et al "Efficient Tumor Cell Lysis Mediated by a Bispecific Single Chain Antibody Express in Escherichia coli", J. Immunol. 152:5368 (1994)
	119	Hess et al., "Cooperation of Glycolytic Enzymes", J. Adv. Enzyme Reg., 7:149 (1968)
	120	Hitzeman et al., "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene (PGK) by Immunological Screening Technique" J. Biol. Chem., 255:2073 (1980)
	121	Hodgson, John, "Data-Directed Drug Design" Bio/Technology, 9: 19-21 (1991)
		Holland and Holland, "Isolation and Identification of yeast Messenger Ribonucleic Acids Coding for Enolase, Glyceraldehyde-3-phosphate Dehydrogenase and Phosphoglucerate Kinase" Biochemistry, 17:4900-4907 (1978)
	123	Hollinger et al., "Diabodies": Small bivalent and bispecific antibody fragments" Proc. Natl. Acad. Sci. USA, 90:6444-6448 (1993)
		Hongo et al. "Development and Characterization of Murine Monoclonal Antibodies to the Latency-Associated Peptide of Transforming Growth Factor", <u>Hybridoma</u> 14:253-260 (1995)
		Hopp et al., "A short polypetide marker sequence useful for recombinant protein identification and purification" BioTechnology, 6:1204-1210 (1988)
		Hora et al., "Controlled Release of Interleukin-2 From Biodegradable Microspheres", <u>Bio/Technology</u> , 8:755-758 (1990)
	127	Hsiao et al., "High-frequency transformation of yeast by plasmids containing the cloned yeast ARG4 gene" Proc. Natl. Acad. Sci. (USA), 76:3829 (1979)
	128	Hunter, Tony, "Cooperation between Oncogenes" Cell, 64:1129 (1991)
		Hwang et al. "Hepatic uptake and degradation of unilamellar sphingomyelin/cholesterol liposomes: A kinetic study", Proc. Natl Acad. Sci. USA, 77: 4030 (1980)
		Hynes and Stern, "The biology of erbB-2/neu/HER-2 and its role in cancer" <u>Biochim. Biophys. Acta</u> , 1198:165-184 (1994)
		Johnson et al., "A month-long effect from a single injection of microencapsulated human growth hormone" Nat. Med. 2:795-799 (1996)
	132	Jones et al., <u>Nature</u> , "Replacing the complementary-determining regions in a human antibody with those from a mouse" 321:522-525 (1986)
	133	Jones, Elizabeth W., "Proteinase Mutants of Caccharomyces Cerevisiae" Genetics, 85:12 (1977)
	134	Karmali et al., "Prostaglandins in breast cancer: Realationship to disease stage and hormone status" <u>Br. J. Cancer</u> , 48:689-696 (1983)
		Kelly and Hynes, "Transformation osf Aspergillus niger by the amdS gene of Aspergillus nidulans" <u>EMBO J.</u> , 4:475-479 (1985)
	136	Keown et al., "Methods for Introducing DNA into Mammalian Cells" Methods in Enzymology, 185:527-537 (1990)

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RADEM	137 مرد	Kikuchi et al., "The nucleotide sequence structural gene (phoA) of Escherichia co	li" Nucleic Acids Res. 9:5671-5678 (	1981)			
		Kingsman et al. "Replication In Saccharomyces cerevisae of Plasmid Pbr313 Carrying DNA from the Yeast trpl Region", Gene, 7:141 (1979)  39 Kobayashi et al., "Mutations of the -Catenin Gene in Endometrial Carcinomas" Jpn. J. Cancer Res. 90:55-9 (19)					
	139	Kobayashi et al., "Mutations of the -Ca	tenin Gene in Endometrial Carcinomas	s" <u>Jpn. J. Cancer Res</u> . 90:55-9 (1999)			
	140	Koesters et al., "Mutational Activation of Wilms' Tumors" Cencer Res. 59:388		Common Event in the Development			
		Komine et al. "Genomic Organizati and Physical Mapping of the Transfer RNA Genes in Escherichia coli K12", J. Mol. Biol. 212:579-598 (1990)					
	142	Korinek et al., "Two members of the Ref family implicated in Wnt/-Catenin signaling during Embryogenesis in the Mouse" Mol. Cell Biol. 18:1248-56 (1998)					
	143	Kostelny et al. "Formation of a Bispecific Antibody by the Use of Leucine Zippers", <u>J. Immunol.</u> 148(5):154' (1992)					
	144	Lasko et al., "Targeted oncogene activati Sci. USA, 89:6232-636 (1992)	on by site-specific recombination in tr	ansgenic mice" Proc. Natl. Acad.			
	145	Lavitrano et al., "Sperm Cells as vectors for Introducing Foreign DNA into Eggs: Genentic Transformation of Mice" Cell, 57:717-73 (1989)					
	146	Lee et al., "Complexes fromed by (pyrimidine)n.(purine)n DNAs on lowering the pH are three-stranded" <u>Nucl.</u> Acids Res., 6:3073 (1979)					
	147	Li et al., "Targeted Mutation of the DNA Methytransferase Gene Results in Embryonic Lethality" Cell, 69:915 (1992)					
	148	Lo, Cecilia W., "Transformation by Iontophoretic Microinjection of DNA: Multiple Integration Without Tandem insertions" Mol. Cell Biol., 3:1803-1814 (1983)					
	149	Lonberg and Huszar, "Human Antibodies from trangenic Mice" Intern. Rev. Immunol. 13 65-93 (1995)					
	150	Lonberg et al., "Antigen-specific human antibodies from mice comprising four distinct genetic modifications"  Nature 368 856-859 (1994)					
		Louvencourt et al., "Transformation of I 1742 (1983)					
		Lucas et al., "High-Level production of recombinant proteins in CHO cells using a dicistronic DHFR intron expression vector" Nucl. Acids Res. 24(9):1774-1779 (1996)					
	153	Lutz-Freyermuth et al., "Quantitative de component of the U1 small nuclear ribon Proc. Natl. Acad. Sci. USA, 87:6393-63	nucleoprotein complex binds with high				
	154	Mansour et al., "Disruption of the proto- targeting mutations to non-selectable gen	-oncogene int-2 in mouse embryo-deri	ved stem cells: a general strategy for			
	155	Mantei et al., "Rabbit -globin mRNA pr chromosomal DNA" Nature, 281:40-46	roduction in mouse L cells transformed	l with clone rabbit -globin			
	156	Marasco et al. "Design, intracellualar expression, and activity of a human anti-human immunodeficiency virus type 1 gp120- single-chain antibody, Proc. Natl. Acad. Sci. USA, 90: 7889-7893 (1993)					

				SHEET OUT IT
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		· · · · · · · · · · · · · · · · · · ·	ATTY, DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				
			APPLICANT Pennica et al	
ľ		SEVERAL SHEETS IF NECESSARY)	FILING DATE January 11, 2001	GROUP 1645
MAY 0 6	2000	09		
EXAMINER		OTHER DOCUMENTS (	INCLUDING AUTHOR, TITLE, DATE, PERTINENT	
TRADEM	<b>B</b>	Marks et al., "By-passing Immunization Biol., 222:581 (1991	Human Antibodies from V-gene Libra	aries Displayed on Phage" J. Mol.
		Martin and Papahadjopoulos, "Irreversib Chem., 257: 286-288 (1982)	le Coupling of Immunoglobulin Fragn	nents to Preformed Vesicles" J. Biol.
		Martin et al., "GAP Domains Responsit Current" Science, 255:192-194 (1992)	ole for Ras p21-Dependent Inhibition o	f Muscarinic Atrial K + Channel
		Massey, "Catalytic antibodies catching	on" Nature, 328:457-458 (1987)	
		Mather, Jennie P. "Establishment and C Biol. Reprod., 23:243-251 (1980)	haracterization of two Distinct Mouse	Testicular Epithelial Cell Lines",
		McGrew et al., "Direct regulation of the	Xenopus engrailed-2 promoter by the W	Int signaling pathway, and a
		molecular screen for Wnt-responsive gen Mech. Dev. 87:21-32 (1999)		
	Merrifield, R.B., "Solid Phase Peptide Synthesis. I. The Synthesis of Tetrapeptide" J. Am. Chem. So. 2154 (1963)			
164 Milstein and Cuello, "Hybrid hybridomas and their use in immunohistochemistry" Nature, 305:537-539				ry" Nature, 305:537-539 (1983)
	Mordenti, J. and Chappell, W. "The use of interspecies scaling in toxicokinetics" In Toxicokinetics and New Dru Development, Yacobi et al., Eds., Pergamon Press, New York 1989, pp. 42-96			
	166	Morrison, Sherrie L., "Success in speci-	fication" Nature 368, 812-13 (1994)	
	1 1	Neuberger et al.,"Recombinant antibodi		" <u>Nature</u> , 312:604-608 (1984)
	168	Neuberger, Michael,"Generating high-a	vidity human Mabs in mice" Nature E	Biotechnology 14, 826 (1996)
	169	Nygren, Hakan "Conjugation of Horser Heterobifunctional Cross-Linking Reage	radish Peroxidase to Fab Fragments wints" J. Histochem, and Cytochem, 3	th Diferent Homobifunctional and 0:407 (1982)
	170	Paborsky et al., "Mammalian cell transi Engineering, 3(6):547-553 (1990)	ent expression of tissue factor for the p	production of antigen" Protein
	171	Pain an Surolia "Preparation of Protein		Heterobifunctional Reagent, and its
		use in Enzyme Immunoassays" J. Immu		
	172	Palladino et al. "Characterization of the		
		Comparison with other Cytokines: Induc Pennica et al., "WISP genes are members	of the connective tissue growth factor	family that are un-regulated in Wnt-1-
	173	transformed cells and aberrantly expresse	ed in human colon tumors" Proc. Natl.	Acad. Sci USA 95:14717-22 (1998)
	174	Perry, M.C., Ed., Chemotherapy Source	<u>e Book</u> , Williams & Wilkins, Baltimo	re, MD (1992)
	11	Polakis, Paul, "The oncogenic activation		
	176	Presta, Leonard G., "Antibody engineer	ing" Curr. Op. Struct. Biol., 2:593-5	96 (1992)
	177	Ravdin and Chamness, "The c-erbB-2 I	proto-oncogene as a prognostic and pre	dicitve marker in breast cancer: a
		paradigm for the development of other r		
	178	Reichmann et al., "Reshaping human ar	tibodies for therapy" Nature, 332:323	-329 (1988)

entities of

APPLICATION NO. U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. FORM PTO-1449 PATENT AND TRADEMARK OFFICE GENENT 2827A2 09/759,056 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT Pennica et al (USESTVER SHEETS IF NECESSARY) GROUP FILING DATE January 11, 2001 1645

	MAI	0 8 2003
EXAMINE INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
•	•79 <b>7</b> 2	Rimm et al., "Frequent Nuclear/Cytoplasmic Localization of -Catenin without Exon 3 Mutations in Malignant Am. J. Pathol. 154:325-9 (1999)
· · · · · · · · · · · · · · · · · · ·	180	Rossi, John J., "Making ribozymes work in cells" Current Biology, 4:469-471 (1994)
	181	Rubinfeld et al., "Association of the APC Gene Product with -Catenin" Science 262:1731-1734 (1993)
		Ruppert et al., "Cloning and expression of human TAD250" a TBP-associated factor implicated in cell-cycle regulation" Nature, 362:175-179 (1993)
	183	Sambrook et al., Molecular Cloning: A Laboratory Manual (New York: Cold Spring Harbor Laboratory Press, 1989
	184	Scholtissek and Grosse, "A cloning cartridge of to terminator" Nucleic Acids Res. 15:3185 (1987)
		Schwab et al. "Amplification of Cellualr Oncogenes: A Predictor of Clinical outcome in Human Cancer", Genes Chromosomes Cancer, 1:181-193 (1990)
	186	Scopes, Robert K., Protein Purification: Principles and Practice, Springer-Verlag, New York (1982)
		Shalaby et al., "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic lymphocytes and Tumor Cells Overexpressing the HER2 Protooncogene" J. Exp. Med. 175:217-225 (1992)
		Shopes, Bob, "A Genetically Engineered Human IgG Mutant With Enhanced Cytolytic Activity" J. Immunol., 148 2918:2922 (1992)
		Slamon et al., "Human Breast Cancer" Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene" Science, 235:177-182 (1987)
		Small et al., "Analysis of a Transgenic Mouse Containing Simian Virus 40 and v-myc Sequences" Mol. Cell. Biol., 5:642-648 (1985)
		Sojar and Bahl, et al., "A Chemical Mehtod for the Deglucosylation of Proteins", Arch. Biochem. Biophys., 259:52–57(1987)
		Somparyrac et al., "Efficient infection of monkey cells with DNA of simian virus 40" Proc. Natl. Acad. Sci., 12:7575 (1981)
		Sreekrishna et al., "High level expression of heterologous proteins in methylotrophic yeast Pichia pastoris" J. Basic Microbiol., 28:265-278 (1988)
		Stella et al., "Prodrugs: A Chemical Approach to Targeted Drug Delivery", University of Kansas and Interx Research Corp., Lawrence, Kansas 66045
		Stevenson et al. "A chimeric antibody with dual Fc regions (bisFaFc) prepared by manipulations at the IgG hinge", Anti-Cancer Drug Design, 3: 219-230 (1989)
	196	Stewart et al., Solid-Phase Peptide Synthesis, W.H. Freeman Co., San Francisco, CA (1969)
	197	Stewart et al., "An STS-Based Radiation Hybrid Map of the Human Genome" Genome Research, 7:422-433 (1997)
	198	Stinchcomb et al., "Isolation and characterization of yeast chromosomal replicator" Nature, 282:39 (1979)
	199	Suresh et al., "Bispecific Monoclonal Antibodies from Hybrid Hybridomas" Methods in Enzymology, 121:210 (1986)
	200	Taneja et al., "Reexpression of retinoic acid receptor (RAR) or overexpression of RAR or RAR in RAR -null F9 cells reveals a partial functional redundancy between the three RAR types" Proc. Natl. Acad. Sci. USA

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ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE APPLICATION NO. FORM PTO-1449 09/759,056 PATENT AND TRADEMARK OFFICE GENENT.2827A2 INFORMATION DISCLOSURE STATEMENT BY APPLICANT **APPLICANT** OIPE Pennica et al (USE SEVERAL SHEETS IF NECESSARY) **GROUP** FILING DATE January 11, 2001 1645 MAY 8 6 2003

MAT U		2005
EXAMINER INTHAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
TRA	26	Thimmappaya et al., "Adenovirus VAI RNA Is Required for Efficient Translation of Viral mRNAs at Late Times after infection". Cell. 31:543 (1982)
	202	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)  Whimmappaya et al., "Adenovirus VAI RNA Is Required for Efficient Translation of Viral mRNAs at Late Times after infection" Cell, 31:543 (1982)  Thomas and Capecchi, "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells" Cell, 51:503 (1987)
	203	Thomas, Patricia S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose" Proc. Natl. Acad. Sci. USA, 77:5201-5205 (1980)
		Thompson et al., "Germ Line Transmission an Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells, 56:313-321 (1989)
	205	Thotakura and Bahl, "Enzymatic Deglycosylation of Glycoproteins" Meth. Enzymol., 138:350 (1987)
	!	Tilburn et al. "Transformation by Integration in Aspergillus nidulans", Gene, 26:205-221 (1983)
		Traunecker et al., "Bispecific single chain molecules (Janusins) target cytotoxic lymphocytes on HIV infected cells" EMBO J., 10:3655-3659 (1991)
	<b>-</b> 108	Tschumper et al., "Sequence of a yeast DNA fragment containing a chromosomal replicator and the TRP1gene"  Gene, 10:157 (1980)
		Tsukamoto et al., "Expression of the int-1 Gene in Tansgenic Mice Is Associated with Mammary Gland Hyperplasia and Adenocarcinomas in Male and Female Mice" Cell 55:619-625 (1988)
		Urlaub and Chasin, "Isolation of Chinese Hamster Cell Mutants Deficient in Dihydrofolate Reductase Activity"  Proc. Natl. Acad. Sci. USA, 77:4216 (1980)
		Van der Krol et al., "Modulatioin of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences"  BioTechniques 6:958 (1988)
	212	Van der Putten et al., "Efficient insertion of genes into the mouse germ line via retroviral vectors" <u>Proc. Natl.</u> Acad. Sci. USA, 82:6148-615 (1985)
	213	Van Solingen et al., "Fusion of Yeast Spheroplasts" J. Bact., 130:946 (1977)
		Verhoeyen et al., "Reshaping Human Antibodies: Grafting an Antilysozyme Activity" Science, 239:1534-1536 (1988)
	215	Vitetta et al., "Redesigning Nature's Poisons to Create Anti-Tumor Reagents" Science, 238: 1098 (1987)
	216	Wagner et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells" Proc. Natl. Acad. Sci. USA 87, 3410-3414 (1990)
		Warzocha and Wotowiec, "Antisense strategy" biological utility and prospects int he treatment of hematological malignancies." Leuk. Lymphoma 24:267-281 (1997)
		Wells et al., "Cassette mutagenesis: an efficient method for genenration of multiple mutations at defined sites"  Gene, 34:315 (1985)
		Wells et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin" Philos. Trans. R. Soc. London SerA, 317:415-423 (1986)
		Willert et al. "Wnt-induced dephosphorylation of Axin releases -catenin from the Axin complex", Genes Dev. 13:1768-73 (1999)
	221	Wilman, Derry E., "Prodrugs in Cancer Chemotherapy", Biochemical Society Transactions, 14:375-382, 615th
	L	Meeting, Belfast (1986)

			SHEET 11 OF 1
FORM PT	O-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT			
	BY APPLICANT	APPLICANT Pennica et al	
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MAY 0	6 2003		
(AMNER	OTHER DOCUMENTS	(INCLUDING AUTHOR, TITLE, DATE, PERTINI	
A BY	Wright et al. " -Catenin mutation and extranslocation in 16% of endometrioid tu	xpression analysis on ovarian cancer mours" Int. J. Cancer 82:625-9 (19	Excon 3 mutations and nuclear (1999)
223 Wu et al., "Receptor-mediated in Vit 262, 4429-4432 (1987)			
224	Yelton et al., "Transformation of Asper 1470-1474 (1984)	gillus nidulans by using trpCplasmi	d" Proc. Natl. Acad. Sci. USA, 81:
225	Zacharski, Leo R., "Basis for Selection Haemostasis, 16:300-320 (1986)	of Anticoagulant Drugs for Therape	eutic Trials in Human Malingnancy"
	Zamecnik et al., "Inhibition of replication cells by exogenous synthetic oligonucleon 4146 (1986)	otides complementary to viral RNA'	Proc. Natl. Acad. Sci. USA 83:4143-
227	Zapata et al., "Engineering linear F(ab' antiproliferative activity" Protein Eng., 5		n in Escherichia coli and enhanced
228	Zola, Heddy, Monoclonal Antibodies:	A Manual of Techniques, CRC Pres	ss, Inc. (1987) pp. 147-158
229	Zupi et al. "Cloning in Vitro and in Viv Cancer, 41:suppl. 4:309 (1980)	o of Lewis Lung Carcinoma: Prope	rties and Characteristics", Br. J.